Application brief SMRT Link

SMRT[®] Link software tools for PacBio[®] HiFi sequencing systems are designed to set up and monitor sequencing runs, review performance metrics, and analyze, visualize, and annotate sequencing data. SMRT Link is available for both local installation and cloud access, offering flexibility to work in different environments depending on your lab's needs.

	SMRT Link	SMRT Link Cloud	SMRT Link Lite
SMRT Link features			
Supported instruments ¹	Revio [®] , Vega [™] , and Sequel [®] IIe	Revio and Vega	Revio, Vega, and Sequel IIe
Sample setup	\checkmark	\checkmark	\checkmark
Run design	\checkmark	\checkmark	\checkmark
Run monitoring	\checkmark	\checkmark	\checkmark
Instrument monitoring	\checkmark	\checkmark	\checkmark
Push-button secondary analysis (SMRT® Analysis)	\checkmark	×	×
3rd party and PacBio Compatible Partners analysis	\checkmark	\checkmark	\checkmark
API access	\checkmark	×	\checkmark

Installation requirements				
Hosting	On-premises; user- owned high-performance computing hardware.	Hosted by PacBio in the cloud.	On-premises; user- owned low-performance computing hardware.	
Minimum server requirements ²	16 core (32 thread) CPU 64 GB RAM Linux OS	Cloud No server required	4 core CPU 16 GB RAM Linux OS	
Server price range	\$5-10k	N/A	\$1-2k	
Example use cases	PacBio users who need on-premises and secondary analysis PacBio solutions, and are able to manage their own server.	PacBio users who can utilize cloud-based services. Offers the benefits of SMRT Link Lite without the hardware requirements.	Service providers that hand off sequencing data to downstream users for analysis.	

1. Multiple SMRT Link instances may be required for mixed fleets that include Sequel IIe and other systems. See pacb.com/software-downloads for details.

2. See instrument Site Preparation Guides for more details on server and network requirements.

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